## AMENDMENT TO THE CLAIMS

 (previously presented) A method of making an electrically programmable memory element, comprising:

providing a first dielectric layer, said first dielectric layer having an opening, said opening having a sidewall surface and a bottom surface;

forming a conductive layer on said sidewall surface and said bottom surface;

removing at least a portion of said conductive layer from said bottom surface;

forming a second dielectric layer on said conductive layer within said opening; and

forming a programmable resistance material in electrical communication with said conductive layer.

Claims 2-6 (canceled)

7. (previously presented) The method of claim 1, wherein said programmable resistance material is a phase-change material.

- 8. (original) The method of claim 1, wherein said programmable resistance material includes a chalcogen element.
- 9. (original) The method of claim 1, wherein said first dielectric layer and said second dielectric layer are formed of the same material.

Claims 10-15 (Cancelled)

- 16. (previously presented) The method of claim 1, wherein said forming said conductive layer step comprises substantially conformally depositing said conductive layer on said sidewall surface and said bottom surface.
- 17. (previously presented) The method of claim 1, wherein said removing step comprises substantially anisotropically etching said conductive layer.
- 18. (previously presented) The method of claim 1, wherein said programmable resistance material is electrically coupled to a top surface of said conductive layer.

- 19. (previously presented) The method of claim 1, wherein after said removing step, said conductive layer includes a conductive sidewall spacer.
- 20. (previously presented) A method of making an electrically programmable memory element, comprising:

providing a sidewall surface and an adjoining bottom surface;

forming a conductive layer on said sidewall surface and said bottom surface;

removing at least a portion of said conductive layer from said bottom surface; and

forming a programmable resistance material in electrical communication with said conductive layer.

- 21. (previously presented) The method of claim 20, wherein said forming said conductive layer step comprises substantially conformally depositing said conductive layer on said sidewall surface and said bottom surface.
- 22. (previously presented) The method of claim 20, wherein said removing step comprises substantially anisotropically etching said conductive layer.

- 23. (previously presented) The method of claim 20, wherein said programmable resistance material is electrically coupled to a top surface of said conductive layer.
- 24. (previously presented) The method of claim 20, further comprising forming a dielectric layer on said conductive layer after said removing step.
- 25. (previously presented) The method of claim 24, wherein said dielectric layer is formed on said conductive layer before said forming said programmable resistance material step.
- 26. (previously presented) The method of claim 20, wherein said sidewall surface is the sidewall surface of a first dielectric layer.
- 27. (previously presented) The method of claim 26, further comprising forming a second dielectric layer on said conductive layer after said removing step.
- 28. (previously presented) The method of claim 27, wherein said second dielectric layer is formed before said forming said programmable resistance material step.

- 29. (previously presented) The method of claim 27, wherein said first dielectric layer and said second dielectric layer are formed of the same material.
- 30. (previously presented) A method of making an electrical device, comprising:

providing a sidewall surface and an adjoining bottom
surface;

forming a conductive layer on said sidewall surface and said bottom surface;

removing at least a portion of said conductive layer from said bottom surface; and

forming a chalcogenide material in electrical communication with said conductive layer.

- 31. (previously presented) The method of claim 30, wherein said forming said conductive layer step comprises substantially conformally depositing said conductive layer on said sidewall surface and said bottom surface.
- 32. (previously presented) The method of claim 30, wherein said removing step comprises substantially anisotropically etching said conductive layer.

- 33. (previously presented) The method of claim 30, wherein said programmable resistance material is electrically coupled to a top surface of said conductive layer.
- 34. (previously presented) The method of claim 30, further comprising forming a dielectric layer on said conductive layer after said removing step.
- 35. (previously presented) The method of claim 34, wherein said dielectric layer is formed before said forming said programmable resistance material step.
- 36. (previously presented) The method of claim 30, wherein said sidewall surface is the sidewall surface of a first dielectric layer.
- 37. (previously presented) The method of claim 36, further comprising forming a second dielectric layer on said conductive layer after said removing step.
- 38. (previously presented) The method of claim 37, wherein said second dielectric layer is formed before said forming said programmable resistance material step.

- 39. (previously presented) The method of claim 37, wherein said first dielectric layer and said second dielectric layer are formed of the same material.
- 40. (previously presented) The method of claim 30, wherein after said removing step, said conductive layer includes a conductive sidewall spacer.
- 41. (currently amended) A method of making an electrical device, comprising:

forming an electrical contact by a method comprising providing a sidewall surface and an adjoining bottom surface,

forming a conductive layer on said sidewall surface and said bottom surface, and removing at least a portion of said conductive layer from said bottom surface;

and

forming a chalcogenide material, said chalcogenide material in electrical communication with said electrical contact.

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- 42. (previously presented) The method of claim 41, wherein said forming said conductive layer step comprises substantially conformally depositing said conductive layer on said sidewall surface and said bottom surface.
- 43. (previously presented) The method of claim 41, wherein said removing step comprises substantially anisotropically etching said conductive layer.
- 44. (previously presented) The method of claim 41, wherein said chalcogenide material is formed after forming said electrical contact.
- 45. (previously presented) The method of claim 41, wherein said electrical contact is a conductive sidewall spacer.
- 46. (currently amended) The method of claim 41, wherein said sidewall surface is the sidewall surface of a dielectric <del>layer</del> material.

47. (currently amended) A method of making an electrical device, comprising:

forming an electrical contact by a method comprising providing a sidewall surface and an adjoining bottom surface,

forming a conductive layer on said sidewall surface and said bottom surface, and removing at least a portion of said conductive layer from said bottom surface;

and

forming a phase-change material,
said phase-change material in electrical communication with
said electrical contact.

- 48. (previously presented) The method of claim 47, wherein said forming said conductive layer step comprises substantially conformally depositing said conductive layer on said sidewall surface and said bottom surface.
- 49. (previously presented) The method of claim 47, wherein said removing step comprises substantially anisotropically etching said conductive layer.

- 50. (previously presented) The method of claim 47, wherein said phase-change material is formed after forming said electrical contact.
- 51. (previously presented) The method of claim 47, wherein said electrical contact is a conductive sidewall spacer.
- 52. (previously presented) The method of claim 47, wherein said sidewall surface is the sidewall surface of a dielectric material.
- 53. (previously presented) The method of claim 47, wherein said phase-change material comprises at least one chalcogen element.
- 54. (new) The method of claim 1, wherein said forming said second dielectric layer step occurs after said removing step.
- 55. (new) The method of claim 54, wherein said forming said second dielectric layer step occurs before said forming said programmable resistance material step.

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- 56. (new) The method of claim 41, wherein said forming said electrical contact step further comprises forming a dielectric layer on said conductive layer after said removing step.
- 57. (new) The method of claim 47, wherein said forming said electrical contact step further comprises forming a dielectric layer on said conductive layer after said removing step.